

PROJECT 10073 RECORD CARD

1. DATE 7 July 1948	2. LOCATION West Rindge, N. H.	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other <input checked="" type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local 1500 GMT	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Air-Visual	5. SOURCE Male Civilian
6. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7. LENGTH OF OBSERVATION	8. NUMBER OF OBJECTS
		9. COURSE
10. BRIEF SUMMARY OF SIGHTING Several people noticed little curls of smoke on a lawn. Upon investigation small burned spots about 1½ inches in diameter were found. Fires were apparently caused by metallic fragments similar to the lining of V-2 bombs.		11. COMMENTS Investigation not completed, possibly the lining from a jet turbo plane.

Dated November

To: Director of Special Investigations of the
Department of Justice

Subject: Metal particles found near the scene of the explosion at the Boston Stock Exchange

Mr. A. G. Young, Superintendent, Dean Technological School, Massachusetts Institute of Technology, Cambridge, Massachusetts, informed me that he was advised that a spectrographic examination completed of the metal particles referred to and that they were not of ordinary cast iron and had been subjected to a very high degree of heat. The heat caused pores to be formed on the casting which indicated it was thought to be of some metallic alloy. The examinations further concluded that if they had come through the air from any great height they would have broken up into small pieces as they were found moist on the heat-shield but were too hot to burn them by the time they reached the ground and these would probably have exploded.

It is noted that the metal particles landed approximately one thousand feet from the bomb-track and inquiries were conducted to determine whether or not the particles could have originally been a part of and come from some other part of the steam engine. These inquiries required no positive information that the particles did not come from a main or locomotive. Measurements of the four pieces examined revealed that they were likely had been originally all part of one hollow cylinder, eight inches in diameter and three-sixteenth of an inch thick. It was believed that one piece falling from a great height would have retained a good portion of its heat and probably would have smashed when it hit the ground.

One segment was not identified, according to Mr. Young, because the cylinders or similar measurements had been used in No. 14600. In these measurements the correctness of a given measure is perfectly checked, but the fact did not make this conclusion the exclusion of all other possibilities. Experiments were made to accommodate the original cylinder. The results of these were not made available to him as the metal fragments were not made available to him so it will be impossible to submit them to the Air Force. No records of any similar experiments in 1938 were ever kept but has been done since the original experiments.

2-1-1

10-24-44

Dr HYNEK'S EVALUATIONS EXTRACTED FROM PROJECT GRUDGE REPORT.

INCIDENT INDEX

1. Astronomical

a. High probability:

#26, 27, 30, 31, 32, 33, 34, 48, 49, 59, 60, 66, 69, 70, 94,
95, 96, 97, 98, 101, 102, 103, 104, 116, 119, 132, 136, 140,
147, 148, 158, 174, 184, 185, 187, 197, 203, 204, 208, 216,
219, 238.

b. Fair or low probability:

#19, 20, 23, 24, 28, 35, 36, 46, 50, 63, 67, 80, 82, 93, 100,
112, 120, 121, 129, 130, 144, 153, 165, 166, 167, 175, 192,
199, 202, 205, 220, 230, 240.

2. Non-astronomical but suggestive of other explanations

a. Balloons or ordinary aircraft:

#3, 11, 22, 41, 42, 53, 54, 73, 81, 83, 91, 92, 113, 114, 115,
126, 131, 138, 141, 145, 155, 156, 157, 159, 160, 161, 163,
169, 171, 173, 178, 180, 182, 188, 190, 194, 195, 196, 198,
200, 201, 209, 210, 217, 222, 235, 237, 239.

b. Rockets, flares or falling bodies:

#4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 25, 56, 65, 78, 106, 107,
108, 109, 133, 170, 211, 218.

c. Miscellaneous (reflections, auroral streamers, birds, etc.):

#39, 89, 123, 124, 128, 146, 164, 181, 189, 214, 221, 231, 234.

3. Non-astronomical, with no explanation evident

a. Lack of evidence precludes explanations:

#38, 44, 45, 47, 55, 57, 72, 86, 87, 88, 90, 99, 110, 117, 118,
125, 127, 137, 139, 149, 150, 177, 179, 191, 206, 212, 213,
229, 232, 233.

b. Evidence offered suggests no explanations:

#1, 2, 10, 17, 21, 29, 37, 40, 51, 52, 58, 61, 62, 64, 68, 71,
75, 76, 77, 79, 84, 105, 111, 122, 135, 151, 152, 154, 162,
168, 172, 176, 183, 186, 193, 207, 215, 223, 224, 225, 226,
227, 235, 241, 242, 243, 244, 245.

~~RESTRICTED~~

UNCLASSIFIED

Incident #214 -- West Rindge, New Hampshire -- 7 July 1948

Inasmuch as the metallic particles concerned in this incident have been independently identified at MIT as parts of a cast-iron cylinder, an astronomical explanation of the incident is precluded. However, as a matter of general interest, it should be noted that iron meteorites could have produced the same effect. It is assumed, of course, that the MIT examination excluded the possibility of these particular particles being meteoritic.

3

Line 12-8

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2 July

No. 214: No information whatsoever.

HEADQUARTERS
AIR WEATHER SERVICE
Andrews Air Force Base
Washington 25, D. C.

In Reply
Refer To: AWS DSS

11 May 1949

SUBJECT: Unidentified Flying Objects

TO : Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIAKS-3

1. Reference is made to letter from your headquarters, MCIAKS, dated 9 March 1949, subject "Unidentified Flying Objects," and first endorsement thereto by this headquarters, dated 31 March 1949.

2. The incident summaries 173 through 233 have been checked against routine weather-balloon ascents made by the Air Force, Navy and Weather Bureau. Comments based on this review are inclosed.

3. It is recommended that the "Guide To Investigation Of Unidentified Aerial Objects" be changed as follows: Item 13, "Direction of Flight of Object," should be clarified so that vertical and horizontal motions are distinguished if possible, and so that motion is specified as the direction towards which the object appears to move. "Relative to Radar Settings" should include a statement of the type of radar set used.

FOR THE CHIEF, AIR WEATHER SERVICE

2 Inclos.
1 - Incident Summaries
2 - Comments 173 thru 233

/s/ W. A. West
W. A. WEST
Lt. Col., USAF
Adjutant General

INCIDENT SUMMARY SHEET

Incident No. 214

1. Date and Time of Observation: 7 July 1948
2. Where Sighted: Rt 202 - West Rindge, N. H.
3. Observer's Position: Ground
(i.e., ground, air, control tower, etc.)
4. Name and Address of Observer: [REDACTED], West Rindge, N. H.
5. Occupation and/or hobbies: Vice Pres. New England Tel & Tel Co.
6. Attention Attracted by: Curls of smoke
7. Number of Object(s) Seen:
8. Size of Object(s):)
9. Color of Object(s): Case now under investigation
10. Shape (Sketch if Possible)
11. Nature of Luminosity:
(directed beam of light?)
12. Altitude of Object:
(estimated)
13. Estimated Distance of Object from Observer:
14. Estimated Speed of Object:
15. Time in Sight:
16. Tactics:
17. Sound Made by Object(s):
18. Direction of Flight of Object(s)
19. Apparent Construction:
20. Effect on Clouds:
21. Exhaust Trail (Color of):
22. Manner of Disappearance:
23. Weather Conditions at Time of Sighting:
24. Peculiarities Noted:
25. Summary of Incident:
(See reverse page)

DOWNGRADED AT 3 YEAR INTERVALS.
DECLASSIFIED AFTER 12 YEARS.
OOD DIR 5200.10

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FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION
JULY 18, 1947

UNCLASSIFIED

TELETYPE

WASHINGTON FROM BOSTON 3

13

10-53P

DIRECTOR

METAL FRAGMENTS OBSERVED AT WEST RIDGE, N.H., JULY SEVEN, FORTYSEVEN
SECURITY MATTER. L. DEAN [REDACTED], SECURITY OFFICER, M.I.T.,
CAMBRIDGE, MASS., ADVISED THAT TODAY HE WAS IN CONTACT WITH ONE [REDACTED]
[REDACTED] R. OF WEST RIDGE, N.H., A RETIRED VICE PRESIDENT OF THE NEW
ENGLAND TEL. AND TEL. CO. MR. [REDACTED] ADVISED THAT AT APPROXIMATELY THREE
PM ON JULY SEVEN LAST SEVERAL PEOPLE SITTING ON A PORCH OBSERVED ON THE
LAWN OF [REDACTED], ROUTE TWO NAUGHT TWO, WEST RIDGE, N.H., LITTLE CURLS
OF SMOKE, WHICH ON INSPECTION DISCLOSED SMALL BURNED SPOTS ABOUT ONE AND
ONE HALF INCHES IN DIAMETER ON THE GREEN LAWN. ALSO IN THE LONG DRY
GRASS ON BOTH SIDES OF ROAD IN A CIRCLE APPROXIMATELY TWO HUNDRED FEET
IN DIAMETER SEVERAL LITTLE BLAZES HAD STARTED AND THE FIRE
DEPT. WAS CALLED. FIRES WERE APPARENTLY CAUSED BY METALLIC FRAGMENTS WHICH
WERE TURNED OVER TO PROFESSOR RENTGES, OF MIT, BY MR. PARKER
D. APPEL, OF THE TELEPHONE COMPANY. RENTGES HAS ADVISED DEAN BUNKER
THAT THEIR GENERAL APPEARANCE ARE SIMILAR TO THE LINING OF
V DASH TWO BOMBS, WHICH HE HAD OBSERVED AT NEW MEXICO. PROFESSOR L.H.
DENALD, AN OUTSTANDING METALLURGIST AT MIT, STATED THAT THEY ARE POSSIBLY
THE LINING FROM A JET TURBO PLANE. AT PRESENT TIME HE IS PROCESS OF ANALYZING
TWO OF THESE PIECES. THESE SCIENTISTS IN ROUGHLY RECONSTRUCTING THE METALLIC
OBJECT STATE IT WAS APPROXIMATELY FOURTEEN INCHES IN DIAMETER, THREE
SIXTEENTH OF AN INCH THICK, AND MACHINE TOOLED, AND SOME FRAGMENTS
INDICATED THEY WERE BURNED AND APPEARED TO HAVE BEEN SUBJECTED TO
TERRIFIC HEAT. THESE SCIENTISTS ARE TREATING THIS MATTER AS CLASSIFIED
INFORMATION. MR. [REDACTED], AT WEST RIDGE, N.H. IS ALSO ENDEAVORING TO
COLLECT ADDITIONAL FRAGMENTS AND HAS STATED THAT THE FIRE CHIEF AT WEST
RIDGE HAS ALSO SEVERAL FRAGMENTS IN HIS POSSESSION. MR. [REDACTED] INDICATED
THAT THE WHITEHEAD RESIDENCE IS SEVEN TO EIGHT HUNDRED FEET EAST OF THE
RAILROAD TRACKS. [REDACTED] STATED HE WILL MAKE THE RESULTS OF M.I.T.
RESEARCH AVAILABLE IF SIGNIFICANT. OPINIONS OF SCIENTISTS AS SET FORTH ABOVE
SUGGEST POSSIBLE MILITARY INTEREST. MILITARY AUTHORITIES AT BOSTON HAVE NOT BEEN
NOTIFIED.

SOURCE

HOLD

ORIGINAL--DIRECTOR

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DOD DIR 5200.10

214
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MCIA10-3
9 November 1948

Federal Bureau of Investigation
U. S. Department of Justice
Washington, D. C.
ATTN: Communications Section

Gentlemen:

This office is engaged in a continual investigation of all reported sightings of unidentified aerial objects, and has in its possession a teletype from the Boston FBI Field Office, copy attached, dated 18 July 1947, concerning metal fragments observed at West Ringe, New Hampshire on 7 July 1947.

The following information concerning this matter is requested:

Present status of investigation

Nature of metal found

Origin of metal

Disposition of metal fragments

If available, will it be possible to forward physical evidence for further examination?

Were all possibilities of domestic origin of the unidentified object eliminated from consideration by the investigation?

Five copies of a list entitled, "Essential Elements of Information" to serve as a guide in conducting future interviews of observers of unidentified aerial phenomena are enclosed.

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DOD FPR 5200.4-8

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[REDACTED]

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AMC

Subj: Project "Sign"

It is further requested that all available data be forwarded directly to the Commanding General, Headquarters Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: MCIAKO-3.

Sincerely yours,

2 Incls:

1. Cy of Teletype
dtd 18 July 47
2. 5 Cys FBI Form

W. R. CLINGERMAN

Colonel, USAF
Chief, Tech Intelligence Division
Intelligence Department

DECLASSIFIED AFTER 12 YEARS.
DOD DLR 5200.10

[REDACTED]

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92

[REDACTED]
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7 Dec 1948

SUBJECT: Metal Fragments Observed at West Rindge,
New Hampshire, 7 July 1947

TO: Commanding General
HQ, Air Material Command
Wright-Patterson Air Force Base
Dayton, Ohio
ATTN: MCIAKO-3

1. Reference is made to a letter dated 9 November 1948, from Colonel W. R. Clingerman, USAF, Chief, Tech Intelligence Division, Intelligence Department, Department of the Air Force, to the Federal Bureau of Investigation, requesting that information concerning the above subject be forwarded to Commanding General, Air Material Command, Attn: MCIAKO-3.

2. The attached information pertaining to above subject which was received by this Headquarters from the Federal Bureau of Investigation is hereby transmitted in compliance with original request.

BY COMMAND OF THE CHIEF OF STAFF:

1. Incl
Extract fr ltr, FBI,
dtd 26 Nov 48, subj
as above

HUGH J. KNEERR
Major General, USAF
The Inspector General, USAF

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DOD DIR 5200.10

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Orig in [REDACTED]
Counterfit File

T 82028

Rec'd #312